Smart Skies			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grade 5			
Activity/Lesson	**State**	**Standards**	
Fly by Math	MO	MA.5.G.2.A.1	Use coordinate systems to specify locations, describe paths and find the distance between points along horizontal and vertical lines
Line Up with Math	MO	MA.5.A.4.A.1	Identify, model and describe situations with constant or varying rates of change
Line Up with Math	MO	MA.5.G.2.A.1	Use coordinate systems to specify locations, describe paths and find the distance between points along horizontal and vertical lines
Smart Skies			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grade 6			
Activity/Lesson	**State**	**Standards**	
Fly by Math	MO	MA.6.M.1.C.1	Solve problems involving elapsed time (hours and minutes)
Line Up with Math	MO	MA.6.A.4.A.1	Construct and analyze representations to compare situations with constant or varying rates of change
Line Up with Math	MO	MA.6.M.1.C.1	Solve problems involving elapsed time (hours and minutes)
Smart Skies			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grade 7			
Activity/Lesson	**State**	**Standards**	
Fly by Math	MO	MA.7.D.1.C.1	Select, create and use appropriate graphical representation of data, including circle graphs, histograms
Line Up with Math	MO	MA.7.A.4.A.1	Compare situations with constant or varying rates of change
Smart Skies			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grade 8			
Activity/Lesson	**State**	**Standards**	
Fly by Math	MO	MA.8.D.1.C.1	Select, create and use appropriate graphical representation of data (including scatter plots) and box plots (box and whiskers)
Line Up with Math	MO	MA.8.A.4.A.1	Analyze the nature of changes (including slope and intercepts) in quantities in linear relationships

Smart Skies			
2007 Mathematics			
Grade and Course Level Expectations			
Missouri Mathematics			
Grades 9-12 (Algebra I)			
Activity/Lesson	**State**	**Standards**	
Fly by Math	MO	MA.9-12.D.1.A.1	Formulate questions and collect data about a characteristic which include sample spaces and distributions
Fly by Math	MO	MA.9-12.D.1.C.1	Select and use appropriate graphical representation of data and given one-variable quantitative data, display the distribution and describe its shape